

A large truck equipped with a Hilltip de-icing system is shown in the background, operating on a snowy road. The truck's rear-mounted spreader and sprayer components are visible, and a ladder is extended from the side. The entire image has a blue color overlay.

SPREADERS 1.6-7.0 m³
DE-ICING SPRAYERS 3000-12500 L

HIGH-QUALITY ROAD MAINTENANCE EQUIPMENT

MADE IN FINLAND

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ICESTRIKER™ SPREADERS



“You can reduce salt usage up to 30% with the optional liquid pre-wet system and by 75% when using salt brine solution as a de-icing method! These are direct savings for you and the environment.”

ICESTRIKER™ 1600-7000 LITER COMBI SPREADER



12/24V ELECTRIC POLY HOPPER SPREADER, 1600-7000 LITER



The Hilltip **IceStriker™ 1600-2600 A & 1600-7000 AM/CM** is an electric poly hopper spreader designed with a material capacity of 1600-7000 liter, to make your job even more effective and profitable. The AM/CM-series spreaders have a modular hopper design. The lightweight poly hopper and mounted parts in stainless steel provides you long lasting protection against corrosion.

OPTIONAL LIQUID FUNCTIONS

The truck salt spreader can easily be transformed into a complete liquid de-icing spreader or into a pre-wet combi salt spreader. Integrated tanks in the double walled hopper body holds up to 1400 l of liquid. The spreader can optionally be equipped with a 2 meter spray bar and a hose reel with hand-held spray nozzle. The modular IceStriker™ 2600-7000 liter spreaders can also be equipped with additional liquid tanks (1000 or 1250 l/tank).



Auger drive



Chain drive

STANDARD FEATURES

- ✓ **HTrack™ 2-way online tracking & control system** (see page 12)
- ✓ **StrikeSmart™ controller with automatic GPS speed control** adjusts the amount of spreading material (g/m^2) according to your vehicle speed.
- ✓ 12 volt dual motors mounted inside a sealed weather-resistant enclosure.
- ✓ Automatic vibrator prevents material from clogging.
- ✓ **Feed mechanism:** Stainless steel auger with **variable pitch** or chain conveyor.
- ✓ Inverted-V helps reduce heavy start-up loads on the feed mechanism.
- ✓ Two-piece tarp mechanism, prevents spillage off into truck bed when filling the spreader.
- ✓ Includes an accessory wire for optional work light and beacon light that can be activated from the standard controller.

ICESTRIKER™ 1600-7000 LITER COMBI SPREADER

OPTIONAL FEATURES

- + LED work light
- + Strobe lights
- + Illuminated license plate kit
- + Rear and indicator lights
- + 24V motors and control system
- + Optional color: orange
- + Leg stand
- + Adjustable spreading symmetry from inside the cab
- + Extended chute for truck bed height over 120 cm
- + Extended auger/chain (+ 60 cm) for optimization of vehicle axle loading
- + End of material alarm sensor on spinner
- + Ladder with plateau
- + **StrikeSmart™ PLUS and TempStriker™** systems provide weather forecasts and real-time air, road and dew point information (see page 14).

OPTIONAL LIQUID FUNCTIONS

- + Pre-wet salt liquid kit, nozzles and pump with built-in tanks in spreader construction.
- + Bladder tank for storing additional liquid inside hopper.
- + 2 m wide spray bar, with up to 5 m spraying width.
- + 12 m hose reel for spraying hard-to-reach areas with salt solutions or other liquids.
- + **COMBI PLUS liquid option** - Additional liquid tanks, **1000 l or 1250 l/tank**, in addition to the liquid tanks integrated in the spreader hopper. The combi plus option include 1-3 tanks and leg stand frame extension. See page 6.



Strobe lights, rear and indicator lights (optional)



IceStriker™ 2100 in the optional color orange



2 m wide spray bar (optional)



Ladder with plateau (optional)



SPREAD



PRE-WET



DUAL
SPRAYBAR



GPS SPEED
& HTRACK™

ALL IN ONE
SPREADER

ICESTRIKER™ COMBI PLUS LIQUID OPTION, 1000/1250 L

ICESTRIKER™ 2600 COMBI PLUS

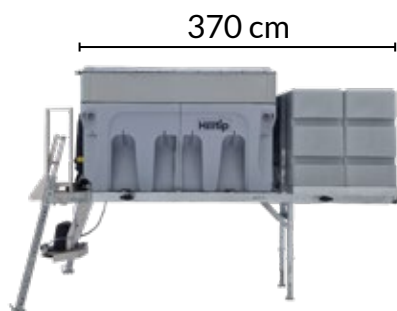


Hopper capacity, dry material: 2600L
Tank capacity, liquid: **1900/2150L** (900L + 1000/1250L)

ICESTRIKER™ 3000/4000 COMBI PLUS



Hopper capacity, dry material: 3000/4000L
Tank capacity, liquid: **2000/2250L** (1000L + 1000/1250L)



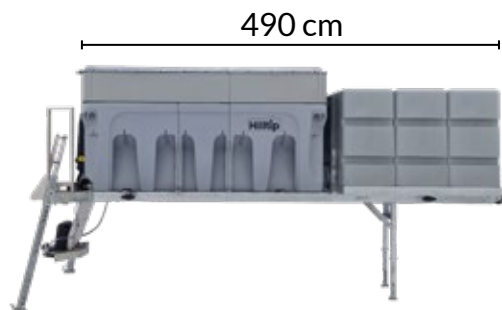
Hopper capacity, dry material: 2600L
Tank capacity, liquid: **2900/3400L** (900L + 2000/2500L)



Hopper capacity, dry material: 3000/4000L
Tank capacity, liquid: **3000/3500L** (1000L + 2000/2500L)

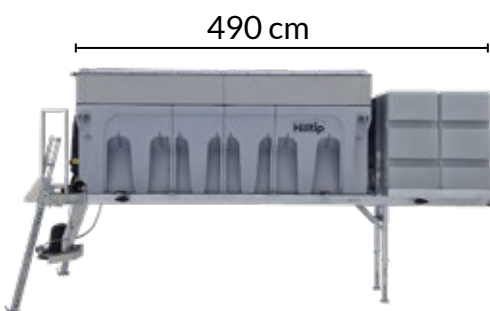


Hopper capacity, dry material: 2600L
Tank capacity, liquid: **3900/4650L** (900L + 3000/3750L)



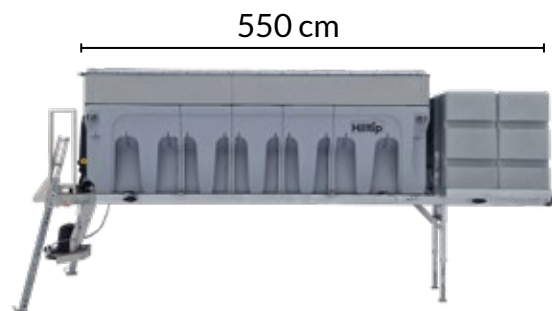
Hopper capacity, dry material: 3000/4000L
Tank capacity, liquid: **4000/4750L** (1000L + 3000/3750L)

ICESTRIKER™ 5000/6000 COMBI PLUS



Hopper capacity, dry material: 5000/6000L
Tank capacity, liquid: **3200/3700L** (1200L + 2000/2500L)

ICESTRIKER™ 7000 COMBI PLUS



Hopper capacity, dry material: 7000L
Tank capacity, liquid: **3400/3900L** (1400L + 2000/2500L)

The images show 1000 L tanks. Specifications and other details are subject to change without notice.

SPRAYSTRIKER™ DE-ICING SPRAYERS



“When using salt brine solution as de-icing method you save up to 75% on your salt used on each route and reduce the impact on the environment!”

SPRAYSTRIKER™ 3000-12 500 HI-FLOW DE-ICING SPRAYER



SprayStriker™ 5000 l

3000-12 500 LITER HI-FLOW DE-ICING SPRAYERS FOR TRUCKS

 www.hilltip.com

Our **SprayStriker™ HFE-series** sprayers are the largest sprayers in the SprayStriker™ product family. These truck bed mounted de-icing sprayers have liquid tank capacities of 3000-12 500 liter. Our fully 12V/24V electric-powered de-icing sprayers help contractors reduce salt usage while increasing their level of service. The sprayer is designed for maximum liquid tank capacity and for use on different lengths of truck beds and municipal trucks.

The durable and light poly tanks are supported by a powder coated stainless-steel frame construction. The dual Hi-Flow pumps, motors, valves and CPU-units are protected inside an easy-to-reach stainless steel cabinet.

SprayStriker™ HFE-series sprayers come standard with StrikeSmart™ controllers with GPS speed control and HTrack™ 2-way online tracking and control system.

STANDARD FEATURES

- ✓ **HTrack™ 2-way online tracking & control system** (see page 12)
- ✓ The **StrikeSmart™ controller** lets you operate the sprayer and its functions from inside the cabin
- ✓ 12V dual Hi-Flow pumps with spray bar output of 75 l/min
- ✓ 24V dual Hi-Flow pumps with spray bar output of 150 l/min
- ✓ 2-lane, 230 cm wide spray bar with double spray and side nozzles
- ✓ Self-loading and pump out feature with 2" camlock connection
- ✓ IP 67 rated strobe lights & LED work light

SPRAYSTRIKER™ 3000-12 500 HI-FLOW DE-ICING SPRAYER

OPTIONAL FEATURES

- + 20 m stainless steel hose reel for de-icing hard to reach areas.
- + 3-lane, 250 cm wide spray bar with double spray and side nozzles
- + Storage leg stand
- + Self loading leg stand for tippers
- + **StrikeSmart™ PLUS** and **TempStriker™** systems provide weather forecasts and real-time air, road and dew point information (see page 14).



20 m hose reel (optional)



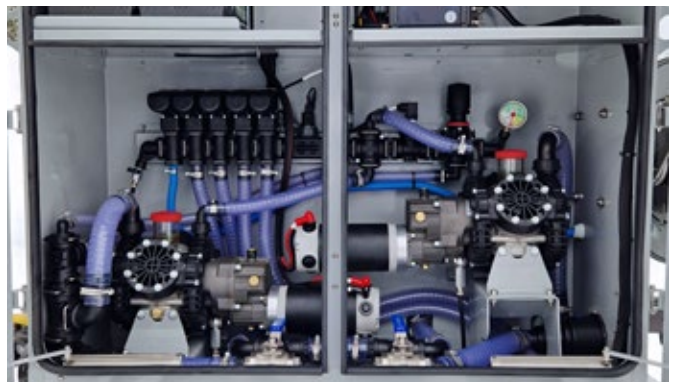
Strobe lights



Spray bar with double spray, side nozzles and LED work light



Storage leg stand (optional)



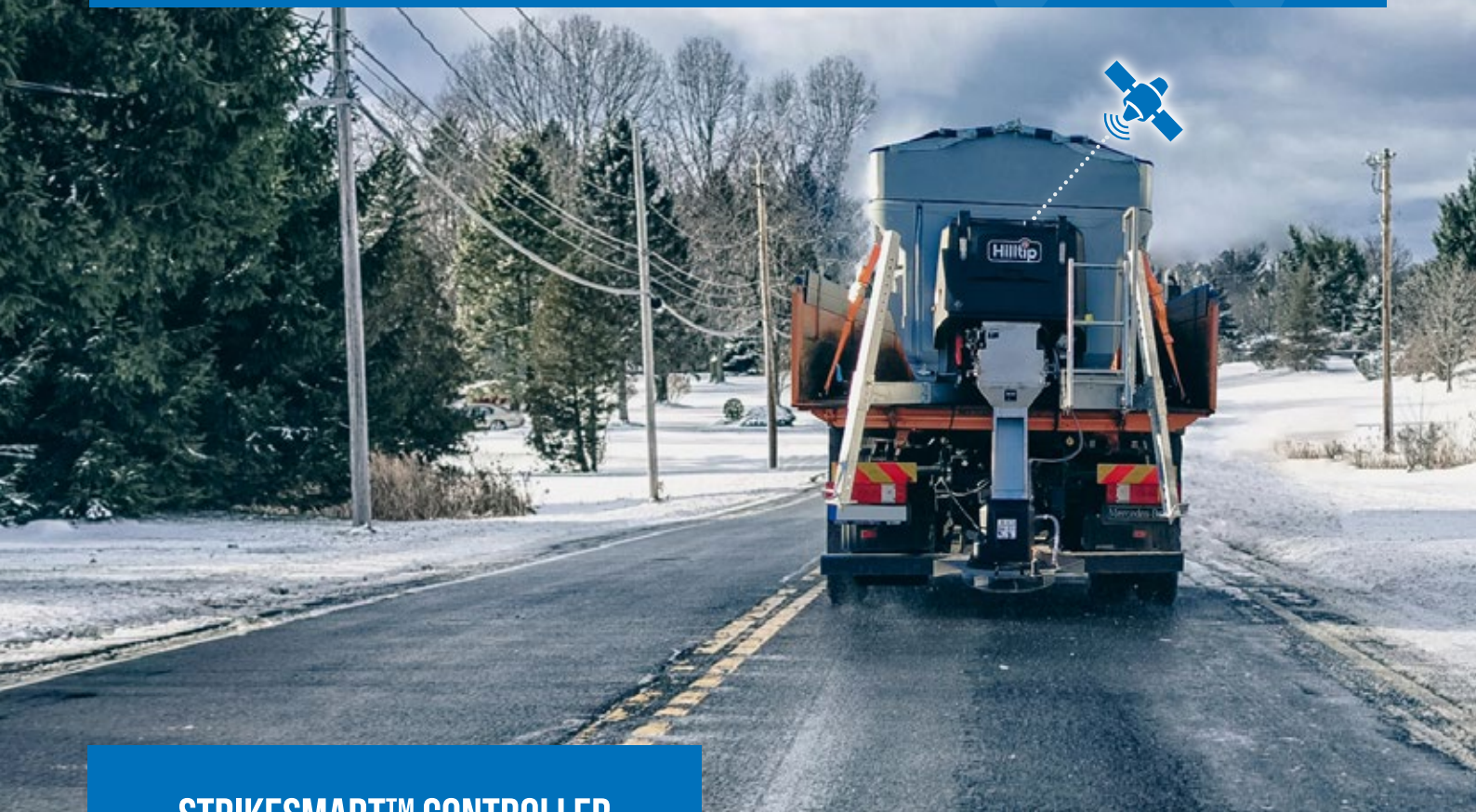
Self-priming hi-pressure & flow Diaphragm pumps, motors and valves in closed cabinet

STRIKESMART™ CONTROL SYSTEM & HTRACK™



“Hilltip’s spreaders and sprayers keep track of your expenses and provide evidence for slip and fall injury claims with HTrack™ as a standard feature!”

STRIKESMART™ CONTROL SYSTEM



STRIKESMART™ CONTROLLER

The StrikeSmart™ controller is a standard feature for 1600-7000 liter IceStriker™ spreaders and 3000-12 500 liter SprayStriker™ spreaders.

The color screen controller allows you to customize your spreading session according to your current situation. **Automatic GPS speed control** adjusts the amount of spreading material (g/m^2 or ml/m^2) based on your vehicle speed, while manual mode allows you to set a fixed auger speed.

Additionally, the controller collects and saves essential data to a USB memory, enabling you to generate spreading reports. The controller also makes it easy to activate functions such as the vibrator, beacons, and work lights from inside the cab.

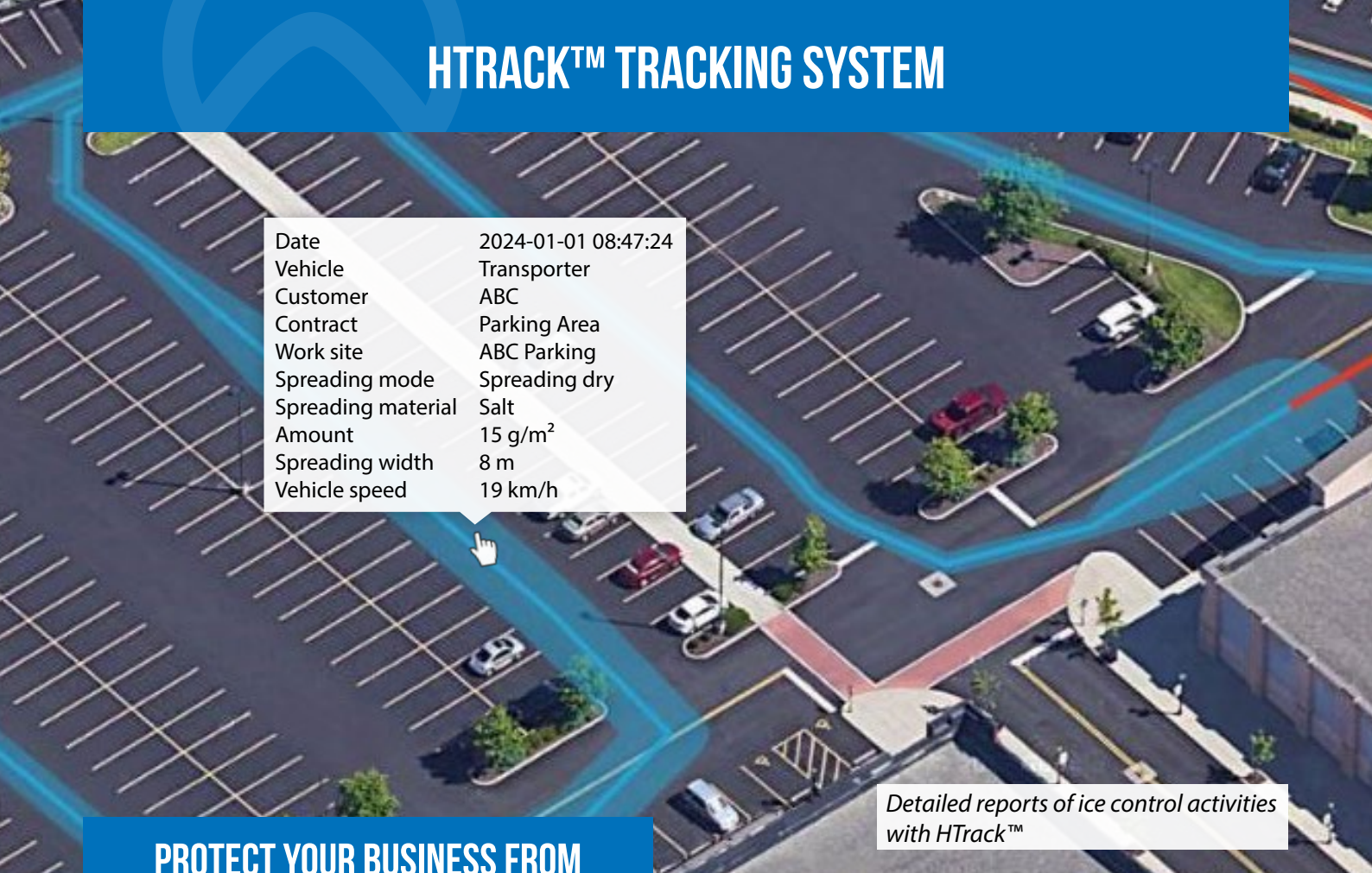


Standard StrikeSmart™ controller



Work light and beacon light activated

HTRACK™ TRACKING SYSTEM



Date	2024-01-01 08:47:24
Vehicle	Transporter
Customer	ABC
Contract	Parking Area
Work site	ABC Parking
Spreading mode	Spreading dry
Spreading material	Salt
Amount	15 g/m ²
Spreading width	8 m
Vehicle speed	19 km/h

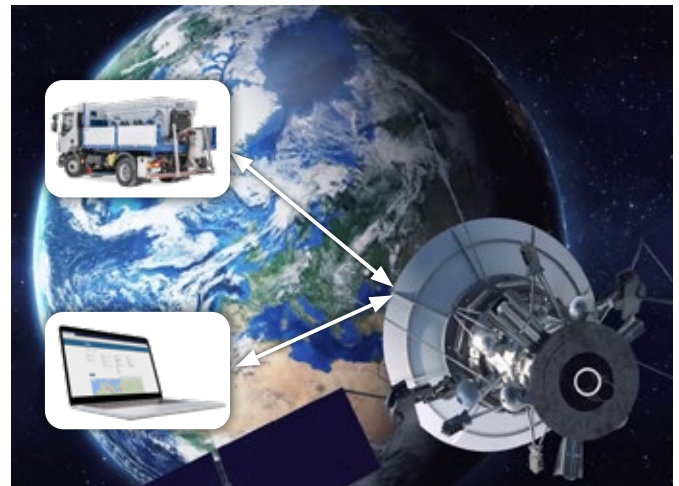
Detailed reports of ice control activities
with HTrack™

**PROTECT YOUR BUSINESS FROM
SLIP AND FALL LIABILITY**



The Hilltip HTrack™ system is compatible with all models of IceStriker™, SprayStriker™ and SnowStriker™. With the tracking software you can track and manage all of your spreading devices and snowplows online on your computer, tablet or smart phone.

The HTrack™ system provides a **2-way online communication channel** as it informs the driver what sites to treat during operations. Application rates can be remotely set for each client's site according to weather conditions, enabling the driver to concentrate on completing the operation as quickly and safely as possible.



GPS satellite returns
vehicle position & speed



HTrack™ transfers spreading
data via mobile network



HTRACK™ TRACKING SYSTEM

FEATURES

- ✓ Easy to use interface
- ✓ Track your devices in real-time or between specific time intervals:
 - Show route on map
 - Show speed, GPS location, material used, etc.
- ✓ Show one or multiple units.
- ✓ The spreading/spraying width is visually represented on the map.
- ✓ Download session reports and performance details.
- ✓ You can pre-set desired application rate for all your spreaders for specific work sites.
- ✓ HTrack™ pre-calculates your salt usage per work site.
- ✓ HTrack™ automatically recognizes when the spreader reaches a pre-set work site.
- ✓ You can change application rates on hundreds of spreaders in a few seconds!
- ✓ All tracking data is collected under specific work sites for easy reporting.



HTrack™ allows users to create work sites for their client's areas. They can see exactly the size of the area being treated and the amount of material needed.



Pop up on the controller screen when spreader reaches a pre-set work site.

WHY HILLTIP ICESTRIKER™ SPREADERS?

- ✓ The Htrack™ 2-way online tracking and control system allows communication between your smart phone/tablet/computer and your StrikeSmart™ controller.
- ✓ User friendly interface allows application rates to be remotely set and adjusted in real time for each customer site depending on weather conditions.
- ✓ HTrack™ assists in route optimizations and resource allocations for increased operational efficiency and profitability.
- ✓ Reports of spreading material used daily, monthly etc. by specific customers.
- ✓ Detailed documentation of ice control activities at individual customer locations that provides additional evidence if legal action should become necessary.

STRIKESMART™ PLUS & TEMPSTRIKER™

STRIKESMART™ PLUS

The **StrikeSmart™ PLUS** system is a next generation control system offered as an optional control feature to our current spreader controllers.

Hilltip's HTrack™ tracking and control system is the heart of our innovative system in our spreaders & sprayers, designed to provide you with **real-time information and control over your spreader fleet**.

STANDARD FEATURES

✓ Real-time weather forecast

With HTrack™, you'll have access to up-to-the-minute weather forecasts tailored to your location. No more relying on outdated information. Stay ahead of weather changes and adapt your spreading strategy accordingly.

✓ Spreading rate guidance

Based on the gathered data, HTrack™ provides **real-time recommendations for your spreading rate directly to the spreader controller**. This ensures efficient material usage while maximizing the effectiveness of your winter maintenance efforts. It can also suggest if you should use granulate salt or sand, pre-wetted salt or brine liquid.

✓ Save spreading setting on a specific route

With our updated HTrack™ features, the operator can save a specific spreading setting on the route driven. This ensures the same spreading direction or spreading width is always the same for a specific location. These settings can be stored before or after the route has been treated.

OPTIONAL FEATURES

+ Road condition monitoring with TempStriker™

HTrack™, with our **TempStriker™ sensor**, continually monitors road conditions, assessing factors like **temperature, humidity, and surface conditions**. It's like having a digital road scout ensuring you always apply the right amount of material for the current situation.



8,7" touch screen and control panel



With the data fed by HTrack™, **StrikeSmart™ can automatically adjust the spreader's settings to match the weather & road conditions**. This automation ensures consistency and reduces the risk of over or under spreading.



By following the recommended spreading rates and adjusting them on the fly, you'll save on material costs while still maintaining optimal road conditions.

TECHNICAL SPECIFICATIONS



- **ICESTRIKER™**
- **SPRAYSTRIKER™**

ICESTRIKER™ SPECIFICATIONS



ICESTRIKER™ 1600-2600 A SPREADERS

MODEL	1600 A	2100 A	2600 A
Total length (including spinner)	300 cm	300 cm	300 cm
Minimum truck bed length	215 cm	215 cm	215 cm
Maximum external width (with tarp mounted)	175 cm	175 cm	175 cm
Total height of the hopper from the loading surface of the carrying vehicle	125 cm	139 cm	155 cm
Capacity, struck	1500 l	2000 l	2500 l
Capacity, rounded	1600 l	2100 l	2600 l
Weight (empty)	360 kg	395 kg	420 kg
Hopper construction	Poly	Poly	Poly
Spreading width	1-12 m (may vary depending on material)		
Spinner size	500 mm	500 mm	500 mm
Auger diameter (stainless steel)	150 mm	150 mm	150 mm
Material	Salt, sand, fine gravel/ mixed (max 8 mm Ø with auger)		
Vehicle	4,5-12 ton trucks		

A = Auger

OPTIONAL LIQUID SYSTEM

MODEL	1600 A	2100 A	2600 A
Pre-wet, Spray volume	3-12 l/min	3-12 l/min	3-12 l/min
Spraybar, Spray volume	5-25 l/min	5-25 l/min	5-25 l/min
Pre-wet, Spraying width	1-8 m (together with spreading material)		
Spraybar, Spraying width	2-5 m	2-5 m	2-5 m
Pre-wet, liquid tank capacity	900 l	900 l	900 l
Spraybar, liquid tank capacity	900-2200* l	900-2200* l	900-2200* l
Spraying material	Anti- and de-icing liquids, water. **		

* With optional bladder tank inside for spray bar system

** Do not use flammable or petroleum liquids for the liquid system

ICESTRIKER™ SPECIFICATIONS



ICESTRIKER™ 1600-7000 AM/CM SPREADERS

MODEL	1600/2100/2600 CM	3000/4000 AM/CM	5000/6000 CM	7000 CM
Total length (including spinner)	290 cm	350 cm	410 cm	460 cm
Minimum truck bed length	215 cm	265 cm	325cm	385 cm
Maximum external width (with tarp mounted)	175 cm	170 cm	170 cm	170 cm
Total height of the hopper from the loading surface of the carrying vehicle	125/139/155 cm	130/155 cm	155/165 cm	155 cm
Capacity, struck	1500/2000/2500 l	2600/3200 l	4200/5200 l	6200 l
Capacity, rounded	1600/2100/2600 l	3000/4000 l	5000/6000 l	7000 l
Weight (empty)	405/440/465 kg	480/505 kg	750/850 kg	950 kg
Hopper construction	Poly	Poly	Poly	Poly
Spreading width	1-12 m (may vary depending on material)			
Spinner size	500 mm	500 mm	500 mm	500 mm
Auger diameter (stainless steel)	150 mm	150 mm	150 mm	150 mm
Chain Conveyor width	300 mm	300 mm	300 mm	300 mm
Material	Salt, sand, flne gravel/ mixed (max 8 mm Ø with auger)			
Vehicle	4,5-18 ton trucks			

A = Auger, C = Chain and M = Modular

OPTIONAL LIQUID SYSTEM

MODEL	1600/2100/2600 CM	3000/4000 AM/CM	5000/6000 CM	7000 CM
Pre-wet, Spray volume	3-12 l/min	3-12 l/min	3-12 l/min	3-12 l/min
Spraybar, Spray volume	5-25 l/min	5-25 l/min	5-25 l/min	5-25 l/min
Pre-wet, Spraying width	1-8 m (together with spreading material)			
Spraybar, Spraying width	2-5 m	2-5 m	2-5 m	2-5 m
Pre-wet, liquid tank capacity	900 l	1000 l	1200 l	1400 l
Spraybar, liquid tank capacity	900-2200* l	1000-2500* l	1200-3000* l	1400-4000* l
Spraying material	Anti- and de-icing liquids, water. **			

* With optional bladder tank inside for spray bar system

** Do not use flammable or petroleum liquids for the liquid system

ICESTRIKER™ SPECIFICATIONS



ICESTRIKER™ COMBI PLUS LIQUID OPTION

MODEL	2600 CM	3000/4000 AM/CM	5000/6000 CM	7000 CM
Total hopper length with 1 additional tank (1000/1250 l)	310 cm	370 cm	430 cm	490 cm
Total hopper length with 2 additional tanks (1000/1250 l)	370 cm	430 cm	490 cm	550 cm
Total hopper length with 3 additional tanks (1000/1250 l)	430 cm	490 cm	550 cm	-
Additional tank volume	1000 or 1250 l/Tank			
Additional tank weight, 1000 l (empty tank(s) + leg stand extension)	175/325/475 kg			175/325 kg
Additional tank weight, 1250 l (empty tank(s) + leg stand extension)	190/355/520 kg			190/355 kg
Additional tank width, 1000/1250 l	160/195 cm			
Additional tank height	130 cm			

Specifications and other details are subject to change without notice.



IceStriker™ 6000 CM with additional 1000 l tank

SPRAYSTRIKER™ SPECIFICATIONS



SPRAYSTRIKER™ 3000-12 500 L SPRAYER

MODEL	3000	4000	5000	6000	7000	8000	10000	12500
Height	150 cm	150 cm	150 cm	150 cm	150 cm	150 cm	150 cm	150 cm
Width	161 cm	161 cm	161 cm	161 cm	161 cm	161 cm	198 cm	198 cm
Length	240 cm	300 cm	360 cm	420 cm	480 cm	540 cm	565 cm	625 cm
Tank volume	3000 l	4000 l	5000 l	6000 l	7000 l	8000 l	10000 l	12500 l
Spray width	2,5-9 m							
Spray volume, 12V/24V	75/150 l/min							
1 lane, Max speed @25ml/m ² , 12V/24V	42,5/85 km/h							
3 lane, Max speed @25ml/m ² , 12V/24V	15/30 km/h							
Weight	760 kg	780 kg	950 kg	1100 kg	1230 kg	1390 kg	1650 kg	1730 kg

Specifications and other details are subject to change without notice.



SprayStriker™ 5000 l

SNOW AND ICE CONTROL EXPERTS

Hilltip is a leading European manufacturer of road maintenance equipment for light pickups and trucks.

The climate of Finland and many years of experience have made us experts in developing the most efficient and durable products for snow and ice control. The combination of high quality materials and state of the art technology makes it hard to compete with Hilltip products.

Our products are designed, engineered and manufactured in our factory in Finland and distributed worldwide. Head office and production are located in Pietarsaari, Finland and our two subsidiaries, Hilltip Corp. in the US and Hilltip GmbH in Germany.



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